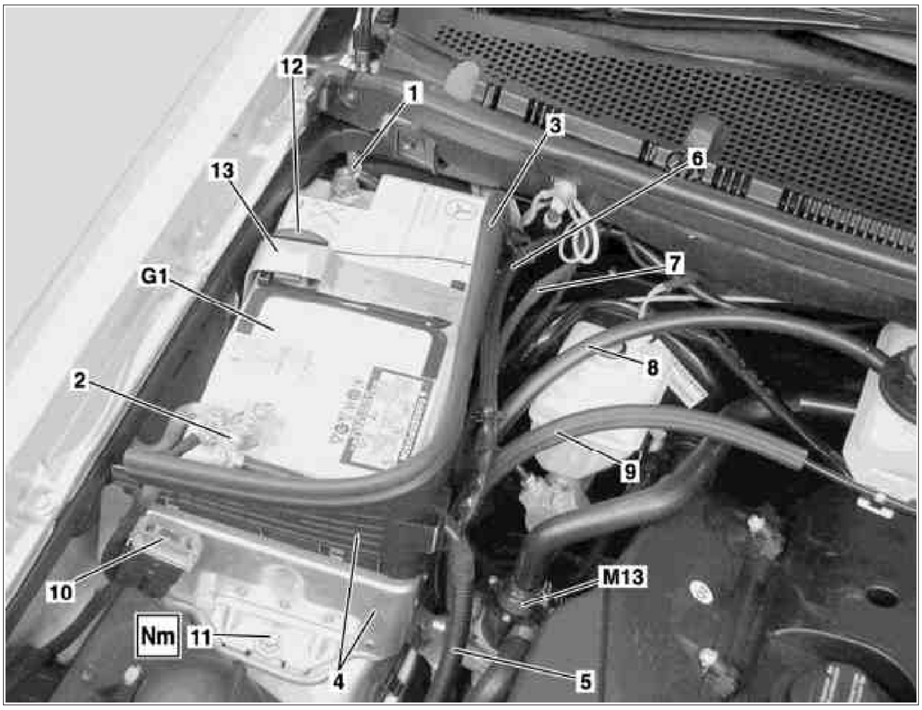
AR54.10-P-0005GH	Remove/install battery	23.3.00

MODEL 163.113 /128 /136 /154 /157 /172 /174 /175

Right-hand drive vehicle shown

1	*Ground line*
2	*Positive wire*
3	*Seal*
4	*Shield*
5	*Alternator line*
6	*Starter line*
7	*Brake booster line*
8	*Overflow hose*
9	*Control cable*
10	*Suction fan locking bracket*
11	*Bolt*
12	*Clamping wedge*
13	*Retaining bracket*
G1	*Battery*
M13	*Heating water circulation pump*



P54.10-2066-06

	Remove, Install		
Danger!	**Risk of explosion** from electrolytic gas. **Risk of poisoning and irritation** if battery acid is swallowed. **Risk of injury** through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries	No fire, sparks, naked flames or smoking. Wear acid-resistant gloves, clothing and eye protection. Pour battery electrolyte only into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
	Notes on battery	All models	AH54.10-P-0001-01A
1	Turn ignition key to position "0"	to avoid fault codes.	
2	Disconnect ground cable (1) from battery	To prevent unintended contact, insulate the ground lead cable lug.	AR54.10-P-0003A
3	Remove protective shield at positive pole of battery and remove all lines attached to positive cable (2)		
4	Disconnect positive cable (2) from the battery (G1).		
5	Remove seal (3) at shield (4)		
6.1	Unscrew bolt for securing generator line to shield	As of VIN A145273, X708319.	
7	Slacken retaining clip at side of shield (4), guide all lines through shield and lay to one side		
8.1	Detach coolant circulation pump (M13) from shield	As of VIN A145273, X708319.	
9	Remove cable strap at lines at side of shield		
10	Detach overflow hose (8) and control cable (9) at shield		
11.1	Detach locking bracket of suction fan (10) at the front from the shield and remove line from shield	Only if fitted.	
12	Unscrew bolt (11) at shield	Nm	*BA54.10-P-1002-01A
13	Remove clamping wedge (12) at retaining bracket		
14	Detach retaining bracket (13) by pressing downwards		
15	Detach and remove shield (4)	Rotate the shield forwards and move back in order to loosen the front retaining lugs.	
16	Remove battery (G1).		
17.1	Dispose of battery	If battery is defective.	
O	Dispose of battery	All models	OS54.10-P-0001-01Z
18	Install in the reverse order		

Nm Battery

Number	Designation		Model Series 163
BA54.10-P-1002-01A	Bolt of shield to body	Nm	20

